a Castle energlishe a cartte in expect? Allphanes 4 6 The learn or perhaps the well picturesque peelen to limedore presents, for its tendency is towers evenly, sym get long straight gells, with lops as level as the oping of well, esteep, untroven ides; when, a in Ruckelen Range above Kellewill, you ar struct in between hort fells, it is acif you wer imprisoned between colossal walls. Kilnsey Cray, by Consisters in Wherfelal, the Sears of Eighenrik meer Lette, in Milherdal, Malham Cone & fordel Scar, within airelale, ar very joine ex. -amples of limestone scars; but your it amuch a admitted that the peet dislocation 4th lime. Store known as the Craven Hault has had some share is new production. Godal has shalkans Cow, undeed, present - com you griest rock keenen in Ingland: the former has the appearance you enormons fendal Intress; will melham love presents a great section of a wast amphitheetr. Som 300 feet in reight, with projecting courses which manyrepresent teers greats, the month ye can, your mis care issues a clear chrown, the injunt air. But his is out to original course of the rives. above to cove, on the preat limestone platient of malhern, is malham Jam, spor mis Lern usus a stream, which flows some halpmile abone fround, hen, makes its escape through primes in The rock, eats out away pritecty through the brivels of the placent, is increased byother underground them scomes to light again, as we have seen at the for of malham cove. Her we have un example of the hickory years making. Howing water sinks wrongh prisures of the with one partly by erosion, partly by dissolution of the woch substance

enlarger these primes, until what was a men week maybecome an enormous cavern. This is, chortes The history of clapham case, Wellen Care, Weatherest cane Victoria Car, xortus cease well know, which rank In classities & dalequites with pregnantly adorn roof efton of the limeston caverns are formed to a process comple enough. Water exposed tous aid gives off some of the carbonic acid it contains: the less carbonic acid it contains, the less calcium Carbonets / lumestine can it- hold in whiting . Theregry in a cavern when there is ungerrentation open, com Carbonic acid is pries of some limeston deposite by every drep which falls from rosp to floor. a mer plan planestone remains attached to the roof, such unother from is laid upon the floor, by every falling drop; or, in process pages, these plins lingthen, wiereen, take strange from the some to well know chalacteres estaloguistes of the limesting Canes. yoken ofthe localines atto remembable verdan you valley you luneston. Min loveliness is common hereprened yeartest with the har brown monorhing about upon there. Thus, in upper Wherfellel, we have great Whemside, Coniston mon, Agresonyton Gun on the east, at no great distance from the river the colouring changes quit enddenly merking a shey line opdernariation between verder sharrenness. There high moors ar gmillston grit, with hears little int heather, coarse grasses, ling, crowberry & bilberry. In glora you condition is poor, wits dull brown tint, with a purple flow when the heather is in alorm distinguishes the frit mor at agreet distance. a geological map chows many potetes finished pit resting upon to ennestone - as Wherneed Ingleting Kenggheit Fountains Tell. which ar all capped in ful; while they rest upon to limeston plateau, We have now to account for the presence finallation frit is the high places, explimestore in the valleys. In fact is, that the whole commbine was thickly oriested

with millston girt, ethis millston prit, ath limestons below it to a great depth, have been removed by demolety worn away preetly by the rivers in the act greening? out their valleys But it is only in the Crewen district that the mulletone prit her heen mus carried off, pring place to the sopes landscap of the limestone. In the whole question yorkshir, with this exception, we get the seening proper to the fich; - bold excerpments work masses, as at Ottey Cheoin, with Cow May, on remobald's more; du goings or plens, with wooded sides; the timber rather common; wide, peat covered mong healths cometing bogs, cometimes with huge boulders realtered over there, weather worrs, it marghe, into extraordina, chapes; yielding little to to parmer even in the lowland you cam upon oriserable pateties ofgreen wats in november - such as the main features you fil Country, which is get not without its attractionsgive ais, + a delightful come of spee on the uplands. a peological amops usually shows a clark patit, covering a district come 20 miles wid by 35 long; reachingfrom the extreme south to about five a six miles north Theeds & Bradford, hemmed in on the east by the narrow Permian Strips we have spoken of, , on the west, by as narrow a thip quilleton pit. Here we have the series plieds knows as the Coal measures - her, as a consequence, we have a densely Repulated district, containing all the pear manufacting Ker the Land stone is gives the land scape tames man when the prit is the curpase rock. Brick is rarely used as a builting material, public building sprivate dwellings larry commonly constructed you pond wilding stone which the country approdo - apact had fines an air ofdignity oprosperity with manufacting towns ofthe best-riding the base hills ar rearred with many quarries to repre growthits or Viron

in works dispignes to combscaper: To cheams rem black black as into, beforeled with washings of the dyeworks + other repre: The almosphere is dull, laken with The Emde opnomymills among furnaces: The foliege's freen, only in the early days of a wet spring. When the coal pild is second by never valley, the unlovely sicky - alterding manufacturing inductives have not gint spoiled to hearty of the country; of even had they done ev. This cection of the West Riding much meds pay a price for being on the whole one ofthe presents most thriving ceals of industry in the empire. This pret- coal pild reaches down into hollingham but our concern is with that part-git shie's liesustin you shir, - a strip of the 'Lower Coal measures' upon which dand Leeds, Bradynd, Kalipax, Kudderijel) bordering the central mas you ' middle coal measures, whereon are wakefield, Barnsley, Shippeld trotherherm. Resheps to heat homes coals from Lower Coal meaning in Minhabir ar, the Better Bed and oppretford, a brighteral, very pre from sulphus, used in working to Low mon Grandland. The latter exists in layers, orever more than two put in Michness, par above the coal ceams: perhaps to Low mon iron owes its celebrily on superior bughness as much to the excellence of the Better Bederal or employed in smelling aforeing it as to to qualities you ironstone. Ih Beeston Grat Bed, near Leeds, is another valueble bed, six feet thick in some places. opin hiddle Coal meesures, cocalled asbeing les deeply brinied them the lower measures, perhaps to most valuable seam is the Lilkelone load, reach, from the southern boundary of the Country to Controlly above Barneley this is excellent household took much Juhich is sent to Condon. The midelle Coal thearmer are to called, by the way, daling leas deeply

Allpisome34 Known unidered to peological gormation att landerey The met- riding he can only plane briefly at his fth remainds of the country. In Permian strips is no we have said, a long low terteace from two to pine oniles in with the chape from the southern boundary of the country to a generales worth propen. Seen ymagnesian Cimestone onesh its prosection with the entitletin prit country in the vest git. It sustains no great seets yindustry; Knarectors, Ketherty Ladeaster, Romefrant, ar armony its towns; When it is cut by the siver valleys, as at . Knope with it is pretureign a levely; everywhere, it is well-worded spertile, king covered with a new soil Shie's appears wyarows the growth of apples. In havelles no has correspond barren millston prit- is surprised offind himsely, any between knowstori trijion, in a region gapple orchards a competer me reminds him plureprot. In Val of york charld grice us The Ocenery Mape, to the Kraisice garmation: but practically, it is an allowed valley, restain it recent deposits laid down lythe rivers, apertili deuttie able as all such valleys ar, Ruston gotheris, with north you Derwent valley, is another picturesque region with wide morelands levely pleas, will sevaterpatts. In morlanto tills ar capped by the sandation rocks of the orline cerces, which form, in fact a table land end - through by the streamers which gave wite the tak on the one hound, is the Dermene on the other, on her we have a distance river agetern, to watership you article extending

A Mird modushy supported by the lies is the get 12 manupacture of Whittey: It Jes Sweek is a hand of The Lies some werry put shick, hard, dech. coloned atituminous. Here the jes lies in helds, this for at by making wills in the pass you clips A on level saw jet should be found, a rather dangerons occupation. In jet manupassurs is mor curious sinteresting from commercially important: it-employs behave on a two monsand person, get is, like eval, a negetable gradual, possibly aurical from a session shturning drappings of unceint-pin. works The ament Stones formed in the aliver shall Jusnich to fourth industry ofthis district: Pay ar preparet for manufacturing purposes in being calcined from the points. It ammonites in the characteristic presils Mr Lies; they are fourt in vojmany varieties and in the services Wenter we worked of into trackets or branches. Whithy + Scarborough have exceedingly interesting jerbefriel museums, exhibiting to foride ofthe lies. hopes prigland presents a fines wast them This pyrhelies shere from Filey arig korthwards where to oliges present told perpendicules page to sea some the dies is capped by the harter bother Which resists to veathering that would have worm away the softer strate. Kelleness, 870 get; trockeleff, 660. the Reals, and greethings Cliff, Alea tople, the Real Cliff, the Cartle Kill Oftenborogh, with cliff on which Whilly abbey stants are all remarkable apreturesque.

illpitumes4 13 In plat opertile Wall of Riberry, the valley of the Sement-Which repeates to restern more from the chall with Twes its character to placed drips - tronght - down her at agreriod their northern England boay wishes cuch another is shirt- as 4 this day covers much Afreenland, allewin deposits have been great upon the placed clay to a great depth fahely ruising electling the valley, amaking it on the most-pertile districts opportunitie. Loth sents you fall as have the long line of the chall hills strately interrogen Humberry Head, weather wow into top curve, asth cheek hills everywher are, It most, the more ent, her other, in such Steep clips as us have already seen facing The vea: was the robble sape to age. eas. i model is-seems pretty certain that the val was it on time a lay Nich in placed time, became so whited with might that the see was kept - not ages the related of the in towner mosthering we wish the rate of prickering in Jet to Chell which covers, to a depth of bos ful- a district measuring nearly 4000 egnar miles. Its onter boundary reaches in the from of a creacent, from Hambrings Hent to the tourness, a little to the west oftends, Here, is and the Downs you conto, we have a copyly undulating country, destitut yourness water. The valleys with hill clopes supporting herozcom crops more commonly then to for close unfpropes to the cheek formetime to chalk river into bold heights, as at willy Beacon, Lot pet above to see, Amoreley Recen 530 pel- ligh. With the bree capped Link Im

The wilds ar almost devitute offices. The par miles greath west are greatly worn by the action of the waves into crecks search. In few streams of the wolds are jet by intermettent opings Who the levants you south Jours: her this ar called figures (herdy). Thirt-webalk strely as the minerals proper to the chalk. Holderness, which his without the chalk creaent w here yoken of her an interesting perloquiel hickory. It is covered in boulder clay, herd orders, opull of angular fragments oprocks with are found in cities in norway, bolland snorthern Ingland. Geologisto ar agreed the Min boulder clay vitnesses tothe part that northern England was as three different periods, as Completely under an ice covering as is quentaristat to present time. But to boulder clay is peatly overland by allowial deposits - peet, sand, to; when are due, not with glooding grisses, but to the selling up of pring of mere which originally bordered the coast: ofthere, Hornsee her is the only one still in existence as a shellow late. Though it is low, Koldemess is not level, except in the south, when there is much mersh land reclaimed from the Kumber. Ih thuckny history of mis district is ord-confined to the past. grown Bridlingson to sperson kead the land is retreiting begins the see at the rate of two years a year; that is, a strip some six gestraid is annually carried offpor This coast- sowns, villages, churches, procegant here been carried awaybit-bybit of traverspur to port where Kenny oft oling trok landed to clairs to crown has been lost bodily, leaving nomore than a survives that it stood comewher once spuis Point spor Roinh toely, it the ridge which connects of with the mainland is het a sandbank, but ithe to Porit, new lands ar being laid down former of the material shiel the see her stripped from the Coast together with the meed brought down by The kumber. The ord mud flats thus laid down ar of great-onteres as shewing stable . Can'd in the very process ofmating.

In mountains of yorkship in premise to

In monintains man north of rubbleaders has Thirty summits above 2. vor pech in height. Ofther, michel Lell, 2 "50 ft," is the highest is got the County; it is not entirely a gerhalin hill; were it Summit runs the boundary lin between Yesteline & Medinentard. You south of mill tell on land winds with Stainmon, abroad pris mon with suggest heights is and beyond thinmore is the preal-mountains plateau questions your rising wite many ridges or fells, when the relen! Lune, Lund, her, willle. Whenp whis als have their Still going worthwest, in the triangle gramed by arken artistat a Small dall ... a bast knower seed Agmanymiles by rich lead veins, running earl-sweet, where ar the farmens auth fang + arhended leaturnes - ar the morland fello exceeding 2,000 pet. Broggan Lest, Wels Oray, & Pris Leat. following to twas upto its head, we come to a very Obreasy region . a remi-circle of morrhand fell. including him standard , Night Lat, Lady's Riller AC. forming the centers was ythe planning pass of mallerstong, which has Wild Boas Help in Westmeretand in the brest, Rang NB Lovely Seal & Shumon Sell on either hand both uninteresting put fells in Remetices but offering plosions views of the mountains Widdel Fell, commontry lentfal & will addlebrough, a noble somether isotated will

with afteriors min of hundry dale, ar the less etto summiels of the horth Miding as here spaces of the mor pultureyou mountain region of the beaut Bridning it is necessary to speak mor in detail. Hongill Hells, in the extreme west-corner of the coming partly in weakmoretann a cut opposion the revi Tynkolin by on well Some valley, belongs, the stat hills of the Late Country, spresent the bellowy broken appeal - of the Cumbrian mountains tretter those the romodel a straight outline of The lineston squitston pells. Still within the michan victors things of the country -Uno dramage gallo vinto to luisto Lee, me han the boy straight gells which start is garadas & Fentdale, with in valleys of preders you live. Sentate, on of the Beauties of yourseins is a men ravine in marine beliaces transvers with Judland lin between Settle & Carlisle everes the month of the valley . a . treet access in to wild landecop of min amountain the gays green, with eximing them to tal of the your.